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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/816,326

DATE: 09/17/2004

TIME: 11:35:53

Input Set : N:\Crif3\RULE60\10816326.raw

Output Set: N:\CRF4\09172004\J816326.raw

1 <110> APPLICANT: Abbott Laboratories
 2 Henslee, Jerry G.
 3 Friedman, Paula N.
 4 <120> TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
 5 DETECTING DISEASES OF THE BREAST
 6 <130> FILE REFERENCE: 5972.US.P7
 7 <140> CURRENT APPLICATION NUMBER: US/10/816,326
 8 <141> CURRENT FILING DATE: 2004-04-01
 9 <150> PRIOR APPLICATION NUMBER: US/09/975,502
 10 <151> PRIOR FILING DATE: 2002-06-10
 11 <150> PRIOR APPLICATION NUMBER: US 09/467,602
 12 <151> PRIOR FILING DATE: 1999-12-20
 13 <150> PRIOR APPLICATION NUMBER: US 09/215,818
 14 <151> PRIOR FILING DATE: 1998-12-18
 15 <150> PRIOR APPLICATION NUMBER: US 08/912,276
 16 <151> PRIOR FILING DATE: 1997-08-15
 17 <150> PRIOR APPLICATION NUMBER: US 08/697,105
 18 <151> PRIOR FILING DATE: 1996-08-19
 19 <150> PRIOR APPLICATION NUMBER: US 08/912,149
 20 <151> PRIOR FILING DATE: 1997-08-15
 21 <150> PRIOR APPLICATION NUMBER: US 08/697,106
 22 <151> PRIOR FILING DATE: 1996-08-19
 23 <160> NUMBER OF SEQ ID NOS: 8
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 535
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1
 31 ccacgcgtcc ggttctagat cgcgagcggc ttccttgatc cttgccaccc gcgactgaac 60
 32 accgacagca gcagcctcac catgaagttg ctgatggtcc tcatgctggc ggccctctcc 120
 33 cagcactgct acgcaggctc tggctgcccc ttattggaga atgtgatttc caagacaatc 180
 34 aatccacaag tgtctaagac tgaatacaaa gaacttcttc aagagttcat agacgacaat 240
 35 gccactacaa atgcataga tgaattgaag gaatgttttc ttaaccaaact ggatgaaaact 300
 36 ctgagcaatg ttgaggtggt tatgcaatta atatatgaca gcagtctttg tgattttattt 360
 37 taactttctg caagaccttt ggctcacaga actgcagggt atggtgagaa accagctacg 420
 38 gattgctgca aaccacacct tctctttctt atgtcttttt actacaaact acaagacaat 480
 39 tgttgaaacc tgctatacat gtttatttta ataaattgat ggcaaaaact gaatt 535
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 482
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Homo sapiens
 45 <400> SEQUENCE: 2



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46      aaatagccct gggctctgca gctccacagg ctccctgggggt ggagtcctaaa tcactcattg      60
47      tttgtgaaag ctgagctcac agcaaaacaa gccaccatga agctgtcggg gtgtctcctg      120
48      ctggtcacgc tggccctctg ctgctaccag gccaatgccg agttctgccc agctcttggt      180
49      tctgagctgt tagacttctt cttcattagt gaacctctgt tcaagttaag tcttgccaaa      240
50      tttgatgccc ctccggaagc tgttgacagc aagttaggag tgaagagatg cacggatcag      300
51      atgtcccttc agaaacgaag cctcattgag gaagtcctgg tgaaaatatt gaagaaatgt      360
52      agtgtgtgac atgtaaaaac tttcatcctg gtttccactg tctttcaatg acaccctgat      420
53      cttcactgca gaatgtaaag gtttcaacgt cttgctttta taaatcactt gctctccacg      480
54      tc                                                                                          482
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57 <211> LENGTH: 68
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Restriction Site
62 <400> SEQUENCE: 3
63      agctcggaat tccgagcttg gatcctctag agcgggccgcc gactagttag ctgctcgacc      60
64      cggggaatt                                                                                      68
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 68
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Restriction Site
72 <400> SEQUENCE: 4
73      aattaattcc cgggtcgacg agctcactag tcggcggccg ctctagagga tccaagctcg      60
74      gaattccg                                                                                      68
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 93
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 5
81      Met Lys Leu Leu Met Val Leu Met Leu Ala Ala Leu Ser Gln His Cys
82      1          5          10          15
83      Tyr Ala Gly Ser Gly Cys Pro Leu Leu Glu Asn Val Ile Ser Lys Thr
84      20          25          30
85      Ile Asn Pro Gln Val Ser Lys Thr Glu Tyr Lys Glu Leu Leu Gln Glu
86      35          40          45
87      Phe Ile Asp Asp Asn Ala Thr Thr Asn Ala Ile Asp Glu Leu Lys Glu
88      50          55          60
89      Cys Phe Leu Asn Gln Thr Asp Glu Thr Leu Ser Asn Val Glu Val Phe
90      65          70          75          80
91      Met Gln Leu Ile Tyr Asp Ser Ser Leu Cys Asp Leu Phe
92      85          90
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 90
96 <212> TYPE: PRT
97 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 6

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```

99      Met Lys Leu Ser Val Cys Leu Leu Leu Val Thr Leu Ala Leu Cys Cys
100      1          5          10          15
101      Tyr Gln Ala Asn Ala Glu Phe Cys Pro Ala Leu Val Ser Glu Leu Leu
102      20          25          30
103      Asp Phe Phe Phe Ile Ser Glu Pro Leu Phe Lys Leu Ser Leu Ala Lys
104      35          40          45
105      Phe Asp Ala Pro Pro Glu Ala Val Ala Ala Lys Leu Gly Val Lys Arg
106      50          55          60
107      Cys Thr Asp Gln Met Ser Leu Gln Lys Arg Ser Leu Ile Ala Glu Val
108      65          70          75          80
109      Leu Val Lys Ile Leu Lys Lys Cys Ser Val
110      85          90
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 495
114 <212> TYPE: DNA
115 <213> ORGANISM: Homo Sapiens
116 <400> SEQUENCE: 7
117      cggctcgagc tcttaggctt tgaagcattt ttgtctgtgc tccctgatct tcaggtcacc      60
118      accatgaagt tcttagcagt cctgggtactc ttgggagttt ccattctttct ggtctctgcc      120
119      cagaatccga caacagctgc tccagctgac acgtatccag ctactgggtcc tgctgatgat      180
120      gaagccccctg atgctgaaac cactgctgct gcaaccactg cgaccactgc tgctcctacc      240
121      actgcaacca ccgctgcttc taccactgct cgtaaagaca ttccagtttt acccaaatgg      300
122      gttggggatc ttccgaatgg tagagtgtgt cctgagatg gaatcagctt gagtcttctg      360
123      caattgggtc caactattca tgcttctctg gatttcatcc aactacttac ctgtgctacg      420
124      atatcccttt tatctctaatt cagtttattt tctttcaaatt aaaaaataac tatgagcaac      480
125      ataaaaaaaa aaaaaa
126      495
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 90
129 <212> TYPE: PRT
130 <213> ORGANISM: Homo sapiens
131 <400> SEQUENCE: 8
132      Met Lys Phe Leu Ala Val Leu Val Leu Leu Gly Val Ser Ile Phe Leu
133      1          5          10          15
134      Val Ser Ala Gln Asn Pro Thr Thr Ala Ala Pro Ala Asp Thr Tyr Pro
135      20          25          30
136      Ala Thr Gly Pro Ala Asp Asp Glu Ala Pro Asp Ala Glu Thr Thr Ala
137      35          40          45
138      Ala Ala Thr Thr Ala Thr Thr Ala Ala Pro Thr Thr Ala Thr Thr Ala
139      50          55          60
140      Ala Ser Thr Thr Ala Arg Lys Asp Ile Pro Val Leu Pro Lys Trp Val
141      65          70          75          80
142      Gly Asp Leu Pro Asn Gly Arg Val Cys Pro
143      85          90

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